



First Year Teaching Scheme

Admission Year 2026-27

B.Tech

Food Technology

Faculty of Engineering & Technology

Parul University

Vadodara, Gujarat, India



Semester - 1

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
						Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20105110	Deeksharambh*	0	-	-	-	-	0	100	0	-	-	-	-	-	-	100	50	100
20105111	Fundamentals of Food Processing	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20105112	Workshop Technology	3	1	4	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20105113	Basic Electrical Engineering	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20105114	General Microbiology	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20105115	Farming Based Livelihood System	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20105116	Communication Skills	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20105117	NCC-I / NSS-I	1	0	2	-	-	0	100	-	-	-	-	-	-	-	100	50	100
	Skill Enhancement Course	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Total	22	10	16		240	0	320	0	240	0			600	300	200	100	800

Semester - 1 Skill Enhancement Course

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
						Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20105130	Maintenance of Food Processing Equipment	2	0	4	-	-	0	100	0	-	-	-	-	-	-	100	50	100
20105131	Introduction to Drying Technology and Dryers	2	0	4	-	-	0	100	0	-	-	-	-	-	-	100	50	100
20105132	Introduction to Good Laboratory Practices	2	0	4	-	-	0	100	0	-	-	-	-	-	-	100	50	100



Semester - 1 Skill Enhancement Course

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						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20105133	Basic Food Analysis Laboratory Techniques	2	0	4	-	-	0	100	0	-	-	-	-	-	-	100	50	100

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Pract
Theory Passing % : 50 Practical Passing % :



Semester - 2

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20105161	Post Harvest Engineering	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20105162	Food Chemistry-I	3	2	2	-	40	0	20	0	40	0	-	-	100	50	-	-	100
20105163	Unit Operations In Food Processing	3	2	2	-	40	0	20	0	40	0	-	-	100	50	-	-	100
20105164	Food Thermodynamics	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20105165	Engineering Drawing and Graphics	3	1	4	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20105166	Environmental Studies and Disaster Management	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20105167	NCC-II/NSS-II	1	-	2	-	-	0	100	-	-	-	-	-	-	-	100	50	100
	Skill Enhancement Course	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		23	11	16		240	0	220	0	240	0			600	300	100	50	700

Semester - 2 Skill Enhancement Course

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20105180	Introduction to Milling (Rice, Dal, Spices, etc.)	2	0	4	-	-	0	100	0	-	-	-	-	-	-	100	50	100
20105181	Introduction to Manufacturing of Bakery Products	2	0	4	-	-	0	100	0	-	-	-	-	-	-	100	50	100
20105182	Introduction to Electrical and Control System In Food Industry	2	0	4	-	-	0	100	0	-	-	-	-	-	-	100	50	100



Semester - 2 Skill Enhancement Course

						Internal				External				Total				Total Mark
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20105183	Introduction to Food Safety and Sanitation	2	0	4	-	-	0	100	0	-	-	-	-	-	-	100	50	100

Lect - Lecture, Tut - Tutorial, Lab - Lab, T - Theory, P - Practical, CE - CE, T - Theory, P - Pract
Theory Passing % : 50 Practical Passing % :